

APRIL 2.

MR. CHARLES MORRIS in the Chair.

Thirty-eight persons present.

The Publication Committee reported the reception of the following papers:

"Fixation of the Single Type (Lectotype) specimens of species of American Orthoptera, Part II." By A. N. Caudell and Morgan Hebard (March 28).

"The Relation of Plant Protoplasm to its Environment." By John Muirhead Macfarlane, D.Sc. (March 29).

The Chair announced the death, February 26, of Graceanna Lewis, a member.

DR. HENRY TUCKER made a communication on harmless and useful snakes, illustrated by lantern slides. (No abstract.)

The death of THOMAS HARRISON MONTGOMERY, JR., PH.D., having been announced at a previous meeting, the following minute, proposed by Dr. Philip P. Calvert, was unanimously adopted:

The Academy of Natural Sciences of Philadelphia has heard with deep regret of the death of PROF. THOMAS HARRISON MONTGOMERY, JR., on March 19, 1912.

Prof. Montgomery was a grandson of Samuel George Morton, President of this Academy from 1849-1851, widely known for his collection and studies of human craniology. To that ancestor we may trace Montgomery's taste for natural history which led him to study zoology in the University of Berlin (where he received the Ph.D. in 1894) and to fill positions of instruction and research in the Wagner Free Institute of Science, the Wistar Institute of Anatomy, the Woods Hole Marine Biological Laboratory and the Universities of Texas and of Pennsylvania. He was elected a member of this Academy February 23, 1897. He served on the Committee of Instruction and Lectures for 1903 and on the Committee on Accounts from 1909. He was the first to respond to the invitation to contribute to the Centenary Commemorative Volume and his memoir on Human Spermatogenesis was the last paper completed by him, although he did not live to read it at the anniversary meeting.

Barely thirty-nine years old when he died, he would have been

justified in a feeling of pride in what he had accomplished. He had made fruitful suggestions on the mechanism of inheritance based on his studies of minute details of the structure of the germ cells; he had investigated the anatomy of unsegmented worms, rotifers, and spiders; he had made known many interesting habits of spiders and of birds; his breadth of outlook and of zoological knowledge was displayed in his book on the analysis of racial descent in animals.

From all that he had done we rightfully expected much to come from his further researches, and our sorrow at his departure is made keener by his fulness of promise.

Moved that this be spread on the minutes of this meeting and that the Corresponding Secretary send a copy to Mrs. Montgomery.

APRIL 16.

PHILIP P. CALVERT, PH.D., in the Chair.

Twenty-seven persons present.

The deaths of Miss Janes R. Haines, a member, November 11, 1911, and of Prof. Rudolph Bastian, a correspondent, were announced.

DR. SPENCER TROTTER made a communication on some biological aspects of population. (No abstract.)

The following resolutions were adopted:

Resolved, That the Academy of Natural Sciences of Philadelphia finds much encouragement and stimulus in the expressions of cordial congratulation and recognition of its labors that reached it on the occasion of the celebration of the centenary anniversary of its foundation.

Resolved, That the Corresponding Secretary be instructed to convey to corresponding institutions and members an expression of the Academy's warm gratitude for their appreciation and courtesy.

The following were elected members:

John Ashhurst.
Seth Bunker Capp.
Walter N. James, M.D.
Philip F. Kelly.
Cecilia Baldwin McElroy.
A. V. Morton, M.D.
William H. Newbold.
Harold Peirce.
Hon. John M. Reynolds.
Samuel C. Schmucker.
Harriet Newell Wardle.